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model year **2010**

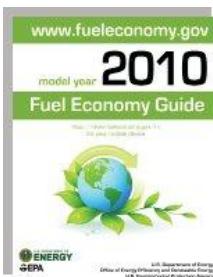
# Fuel Economy Guide

[fueleconomy.gov/m](http://fueleconomy.gov/m)  
for your mobile device



DOE/EE-0328

U.S. Department of Energy  
Office of Energy Efficiency and Renewable Energy  
U.S. Environmental Protection Agency



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## USING THE FUEL ECONOMY GUIDE

The U.S. Environmental Protection Agency (EPA) and U.S. Department of Energy (DOE) produce the *Fuel Economy Guide* to help car buyers choose the most fuel-efficient vehicle that meets their needs. The Guide is published in print and on the Web at [www.fueleconomy.gov](http://www.fueleconomy.gov). For additional print copies, please call the EERE Information Center at 1-877-337-3463 or mail your request to EERE Information Center, 20440 Century Boulevard, Suite 150, Germantown, MD 20874.

## Fuel Economy Estimates

Each vehicle in this guide has two fuel economy estimates:

- A city estimate that represents urban driving, in which a vehicle is started in the morning (after being parked all night) and driven in stop-and-go traffic
- A highway estimate that represents a mixture of rural and Interstate highway driving in a warmed-up vehicle, typical of longer trips in free-flowing traffic

These fuel economy estimates are based on laboratory testing. All vehicles are tested in the same manner to allow fair

comparisons. For answers to frequently asked questions about fuel economy estimates, visit [www.fueleconomy.gov](http://www.fueleconomy.gov).

## Annual Fuel Cost Estimates

This Guide provides annual fuel cost estimates for each vehicle. The estimates are based on the assumptions that you travel 15,000 miles per year (55% under city driving conditions and 45% under highway conditions) and that fuel costs \$2.67/gallon for regular unleaded gasoline and \$2.91/gallon for premium. Cost-per-gallon assumptions for vehicles that use other fuel types are discussed at the beginning of those vehicle sections. The fuel costs were determined in advance to allow time for printing fuel economy labels and the Guide and may not reflect current fuel prices.

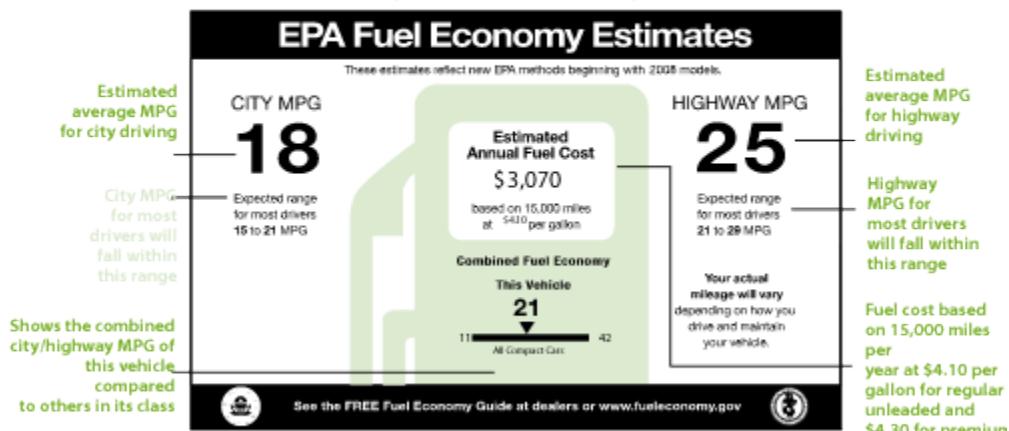
Visit [www.fueleconomy.gov](http://www.fueleconomy.gov) to personalize fuel costs based on current fuel prices and your driving habits.

## Your Fuel Economy Will Vary

Even though EPA recently improved its methods for estimating fuel economy, your vehicle's fuel economy will almost certainly vary from EPA's estimate. Fuel economy is not a fixed number; it varies significantly based on where you drive, how you drive, and other factors. Thus, it is impossible for

### Sample Fuel Economy Label

(Attached to New Vehicle Window)



Check the fuel economy label on the vehicle at the dealer showroom for its specific fuel economy (MPG) ratings. The ratings may vary slightly from the values in this guide because of engine and fuel system differences not listed here.

one set of estimates to predict fuel economy precisely for all drivers in all environments. For example, the following factors can lower your vehicle's fuel economy:

- Aggressive driving (hard acceleration and braking)
- Excessive idling, accelerating, and braking in stop-and-go traffic
- Cold weather (engines are more efficient when warmed up)
- Driving with a heavy load or with the air conditioner running
- Improperly tuned engine or under-inflated tires

In addition, small variations in vehicle manufacturing can cause MPG variations in the same make and model, and some vehicles don't attain maximum fuel economy until they are "broken in" (around 3,000–5,000 miles).

So, please remember that the EPA ratings are a useful tool for comparing vehicles when car buying, but they may not accurately predict the MPG you will get. This is also true for annual fuel cost estimates. For more information on fuel

economy ratings and factors that affect fuel economy, visit [www.fueleconomy.gov](http://www.fueleconomy.gov).

## UNDERSTANDING THE GUIDE LISTINGS

We hope you'll find the *Fuel Economy Guide* easy to use! Fuel economy and annual fuel cost data are organized by vehicle class (see page 2 for a list of classes). Within each class, vehicles are listed alphabetically by manufacturer and model.

Vehicle models with different features, such as engine size or transmission type, are listed as different vehicles—engine and transmission attributes are shown in columns 2 and 3. Additional attributes needed to distinguish among vehicles are listed in the "Notes" column (e.g., fuel type, suggested fuel grade). A legend for abbreviations is provided on page 5.

A "P" in the "Notes" column indicates that the manufacturer recommends or requires the vehicle be fueled with premium-grade gasoline. The higher price of premium gasoline is reflected in the annual fuel cost.

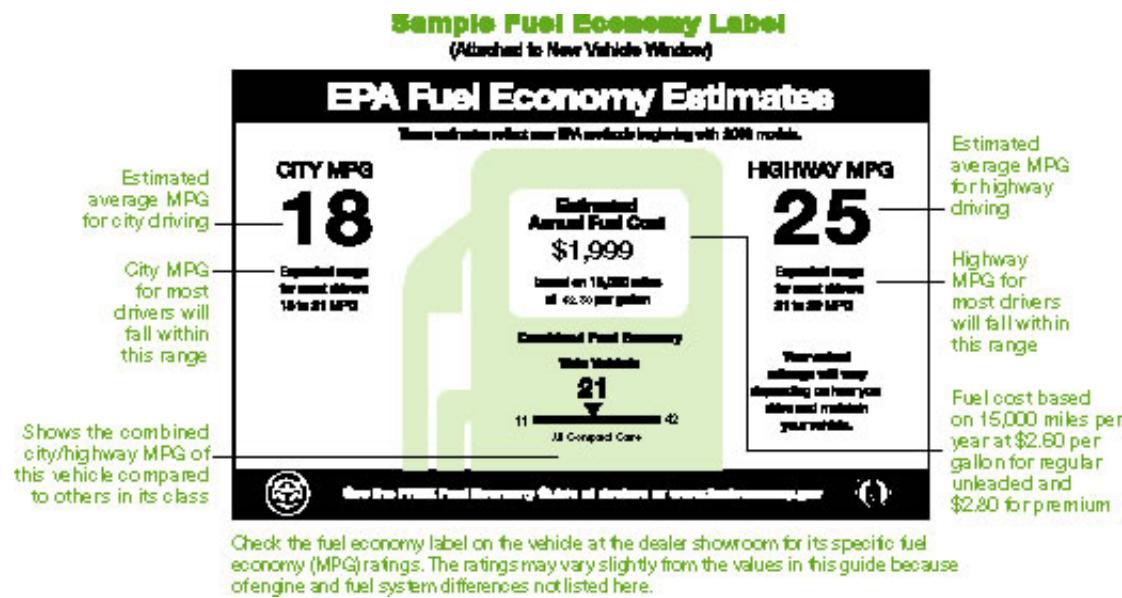
The most fuel-efficient vehicles in each class and alternative fuel vehicles are indicated with special markings (see diagram below). Vehicles that can use more than one kind of fuel have an entry for each fuel type.

Interior passenger and cargo volumes are located in the index at the back of the Guide.

## WHY SOME VEHICLES ARE NOT LISTED

Fuel economy regulations currently do not apply to vehicles with a Gross Vehicle Weight Rating (vehicle weight plus carrying capacity) of more than 8,500 pounds or a curb weight over 6,000 pounds. Therefore, some large pickup trucks, vans, and SUVs are not tested, and fuel economy labels are not posted on their windows.

Also, for some vehicles, fuel economy information is not available in time to be printed in the Guide. However, you can find more up-to-date information at [www.fueleconomy.gov](http://www.fueleconomy.gov).



## VEHICLE CLASSES USED IN THIS GUIDE

CARS		TRUCKS	
CLASS	Passenger and Cargo Volume (cu. ft.)	CLASS	Gross Vehicle Weight Rating* (pounds)
<b>TWO-SEATER CARS</b>		<b>PICKUP TRUCKS</b>	
<b>SEDANS</b>		Small	Under 6,000
Minicompact	Under 85	Standard	6,000 to 8,500
Subcompact	85 to 99	<b>VANS</b>	Under 8,500
Compact	100 to 109	Passenger	
Midsize	110 to 119	Cargo	
Large	120 or more	<b>MINIVANS</b>	Under 8,500
<b>STATION WAGONS</b>		<b>SPORT UTILITY VEHICLES</b>	Under 8,500
Small	Under 130	<b>SPECIAL PURPOSE VEHICLES</b>	Under 8,500
Midsize	130 to 159		
Large	160 or more		

\*Gross Vehicle Weight Rating = vehicle weight plus carrying capacity.

## TAX INCENTIVES AND DISINCENTIVES

### Tax Credits and Deductions

If you purchase a qualifying hybrid, diesel, or dedicated alternative fuel vehicle (AFV) in 2009–10, you may be eligible for a federal income tax credit of up to \$3,400 for hybrids and diesels or \$4,000 for AFVs—compressed natural gas (CNG) vehicles are the only AFVs commercially available as of publication of the Guide. The credit amount varies from vehicle to vehicle, and the hybrid and diesel credit will be gradually phased out based on manufacturer sales. Flexible fuel vehicles (FFVs) are not eligible for the alternative fuel credit.

Visit [www.fueleconomy.gov](http://www.fueleconomy.gov) for more information on qualifying models, credit amounts, and phase-out dates.

### Gas Guzzler Tax

The Energy Tax Act of 1978 requires auto companies to pay a gas guzzler tax on the sale of cars with exceptionally low fuel economy. Such vehicles are identified in the guide by the word "Tax" in the "Notes" column. In the dealer showroom, the words "Gas Guzzler" and the tax amount are listed on the vehicle's fuel economy label. The tax does not apply to light trucks.

## WHY CONSIDER FUEL ECONOMY?

### Save Money

You could save as much as \$1,400 in fuel costs each year by choosing the most fuel-efficient vehicle in a particular class. This can add up to thousands over a vehicle's

lifetime. Fuel-efficient models come in all shapes and sizes, so you need not sacrifice utility or size.

Each vehicle listing in the *Fuel Economy Guide* provides an estimated annual fuel cost (see page i). The online guide at [www.fueleconomy.gov](http://www.fueleconomy.gov) features an annual fuel cost calculator that allows you to insert your local gasoline prices and typical driving conditions (percentage of city and highway driving) to obtain the most accurate fuel cost information for your vehicle.

### Reduce Oil Dependence Costs

Buying a more fuel-efficient vehicle can help reduce our dependence on foreign oil. More than half of the oil used to produce the gasoline you put in your tank is imported. The United States uses more than 20 million barrels of oil per day, two-thirds of which is used for transportation. Petroleum imports cost us about \$5.7 billion a week—that's money that could be used to fuel our own economy.

### Reduce Climate Change

Climate change is widely viewed as the most significant long-term threat to the global environment, and man-made emissions of greenhouse gases are very likely the cause of most of the observed global warming over the last 50 years.

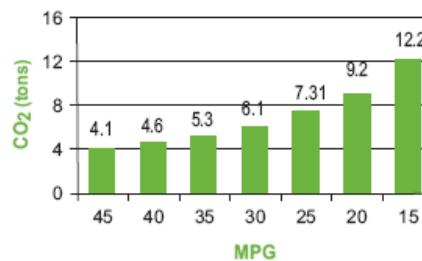
Burning fossil fuels such as gasoline and diesel releases carbon dioxide (CO<sub>2</sub>) and other greenhouse gases (GHGs) into the atmosphere, contributing to global climate change. CO<sub>2</sub> is the most important human-made GHG, and highway vehicles account for 26% (1.7 billion tons) of U.S. CO<sub>2</sub> emissions each year.

Every gallon of gasoline your vehicle burns puts about 20 pounds of CO<sub>2</sub> into the

atmosphere—the average vehicle emits around 6 to 9 tons of CO<sub>2</sub> each year. Unlike other forms of vehicle pollution, CO<sub>2</sub> emissions cannot be reduced by pollution control technologies. They can only be reduced by burning less fuel or by burning fuel that contains less carbon.

One of the most important things you can do to reduce your contribution to climate change is to buy a vehicle with better fuel economy. The difference between 25 miles per gallon and 20 miles per gallon can prevent the emission of 10 tons of CO<sub>2</sub> over a vehicle's lifetime.

Annual CO<sub>2</sub> Emissions by Vehicle MPG



You can also reduce your contribution to climate change by

- Getting the best fuel economy out of your car
- Using a low-carbon fuel, such as CNG
- Walking, biking, or taking public transit more often

In 2009, EPA proposed the first ever CO<sub>2</sub> tailpipe emissions standards for passenger cars and light-duty trucks. Under the proposal, these standards would go into effect for model year 2012 vehicles.

## FUELING OPTIONS

### Ethanol Blends – E85 & E10

Ethanol is an alcohol fuel made by fermenting and distilling starch crops, such as corn. It may also be made from "cellulosic biomass" such as trees and grasses in the near future. The use of ethanol can reduce U.S. dependence on foreign oil and reduce greenhouse gases.

E10 or "gasohol" is a blend of 10% ethanol and 90% gasoline sold in many parts of the country. All auto manufacturers approve the use of blends of 10% ethanol or less in their gasoline vehicles.

E85, a blend of 85% ethanol and 15% gasoline, can be used in FFVs, which are specially designed to run on gasoline, E85, or any mixture of the two. FFVs are offered by several vehicle manufacturers. To determine if your vehicle is an FFV, check the inside of your car's fuel filler door for an identification sticker or consult your owner's manual. More than 1,900 filling stations in the United States currently sell E85. Visit

[http://www.eere.energy.gov/afdc/stations/find\\_station.php](http://www.eere.energy.gov/afdc/stations/find_station.php) for locations near you.

There is no noticeable difference in vehicle performance when low-level ethanol blends are used. However, FFVs operating on E85 usually experience a 20–30% drop in MPG due to ethanol's lower energy content.

### Biodiesel

Biodiesel is a commercially available diesel-replacement fuel manufactured from vegetable oils or animal fats. It produces fewer greenhouse gases than petroleum diesel and, since it is made domestically from renewable resources, increases national energy security.

Biodiesel can be blended at any ratio with petroleum diesel, but it is most commonly sold at ratios of 2%, 5%, or 20%, denoted as B2, B5, and B20. The vehicle manufacturers that produce the diesels listed in the *Fuel Economy Guide* currently approve the use of biodiesel blends of up to 5% (B5) in their vehicles but state that vehicle damage caused by using higher blends will not be covered under the manufacturer's warranty. Check your owner's manual or with your vehicle manufacturer to determine the right blend

for your vehicle.

Use of biodiesel blends may reduce fuel economy slightly, less than 1% for B5.

**Purchase commercial-grade biodiesel from a reputable dealer. Never refuel with clean or used grease or vegetable oil that has not been converted to biodiesel. It will damage your engine.**

Visit

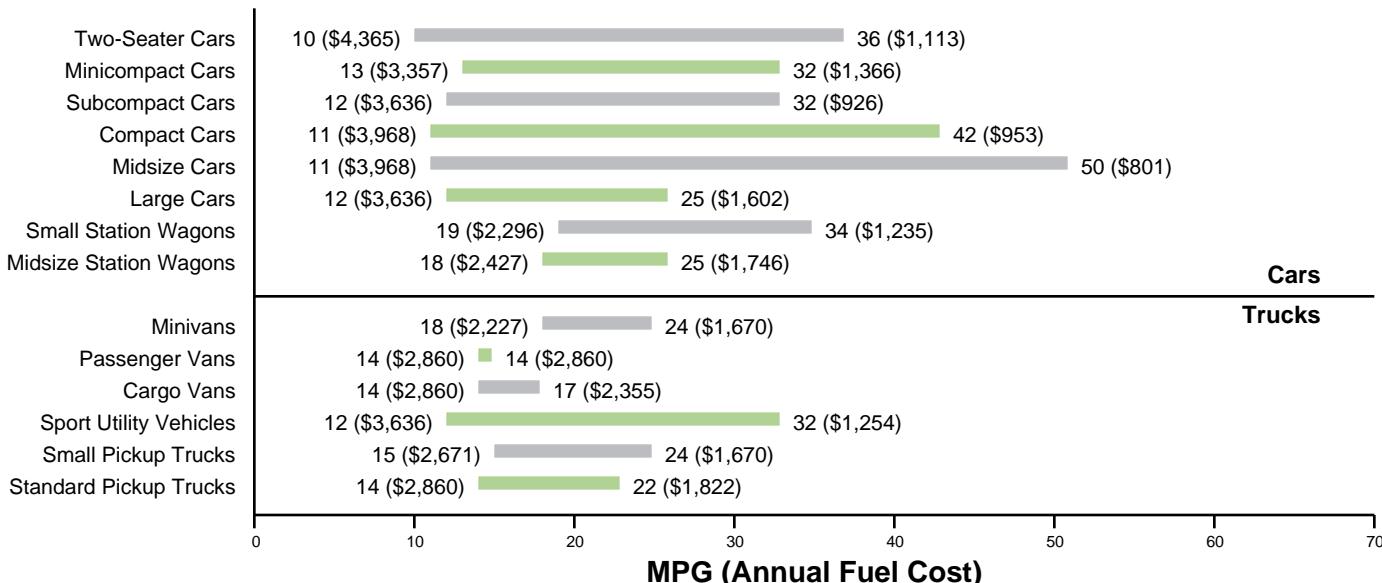
[http://www.eere.energy.gov/afdc/stations/find\\_station.php](http://www.eere.energy.gov/afdc/stations/find_station.php) for locations of service stations selling biodiesel.

### Premium- vs. Regular-Grade Gasoline

The recommended gasoline for most cars is regular unleaded. Using a higher-octane gasoline than recommended by the owner's manual does not improve performance or fuel efficiency; it only costs more money. Check your owner's manual to determine the lowest grade of fuel you can use.

## FUEL ECONOMY AND ANNUAL FUEL COST RANGES FOR VEHICLE CLASSES

The graph below provides the fuel economy and annual fuel cost ranges for the vehicles in each class so you can see where a given vehicle's fuel economy and cost fall within its class. Combined city and highway MPG estimates are used; these assume you will drive 55% in the city and 45% on the highway. Annual fuel costs assume you travel 15,000 miles each year and fuel costs \$2.67/gallon for regular unleaded gasoline and \$2.91/gallon for premium. Visit [www.fueleconomy.gov](http://www.fueleconomy.gov) to calculate annual fuel cost for a specific vehicle based on your own driving conditions and per-gallon fuel costs.



## MODEL YEAR 2010 FUEL ECONOMY LEADERS

Listed below are vehicles with the highest fuel economy in the most popular classes, including vehicles with both automatic and manual transmissions. Please note that many vehicle models come in a range of engine sizes and trim lines, resulting in different fuel economy values. If there is only one vehicle in the class, we do not list a fuel economy leader.

	Transmission Type	MPG City/Hwy	Transmission Type	MPG City/Hwy
<b>TWO-SEATER CARS</b>				
smart fortwo convertible	automatic	33/41		
smart fortwo coupe	automatic	33/41		
Mazda MX-5	manual	22/28		
<b>MINICOMPACT CARS</b>				
MINI Cooper	automatic	25/33		
MINI Cooper Convertible	automatic	25/33		
MINI Cooper	manual	28/37		
<b>SUBCOMPACT CARS</b>				
Toyota Yaris	automatic	29/35		
Toyota Yaris	manual	29/36		
<b>COMPACT CARS</b>				
Honda Civic Hybrid	automatic	40/45		
Volkswagen Golf (diesel)	manual	30/41		
Volkswagen Jetta (diesel)	manual	30/41		
<b>MIDSIZE CARS</b>				
Toyota Prius	automatic	51/48		
Hyundai Elantra Blue	manual	26/35		
<b>LARGE CARS</b>				
Hyundai Sonata	automatic	22/32		
Honda Accord	manual	22/31		
<b>SMALL STATION WAGONS</b>				
Audi A3 (diesel)	automatic	30/42		
Volkswagen Jetta SportWagen (diesel)	automatic	30/42		
Volkswagen Jetta SportWagen (diesel)	manual	30/41		
<b>MIDSIZE STATION WAGONS</b>				
Volkswagen Passat Wagon	automatic	22/31		
<b>SMALL PICKUP TRUCKS</b>				
Toyota Tacoma 2WD	automatic	19/25		
Ford Ranger 2WD	manual	22/27		
<b>STANDARD PICKUP TRUCKS</b>				
Chevrolet Silverado 15 Hybrid 2WD	automatic	21/22		
GMC Sierra 15 Hybrid 2WD	automatic	21/22		
<b>VANS, CARGO</b>				
Chevrolet Express 1500 2WD Cargo	automatic	15/20		
GMC Savana 1500 2WD (cargo)	automatic	15/20		
<b>MINIVANS</b>				
Mazda 5	automatic	21/27		
Mazda 5	manual	22/28		
<b>SPORT UTILITY VEHICLES</b>				
Ford Escape Hybrid FWD	automatic	34/31		
Mazda Tribute Hybrid 2WD	automatic	34/31		
Mercury Mariner Hybrid FWD	automatic	34/31		
Jeep Compass 2WD	manual	23/29		
Jeep Patriot 2WD	manual	23/29		











	Trans Type / Speeds	Eng Size / Cylinders	MPG City / Hwy	Annual Fuel Cost	Notes		Trans Type / Speeds	Eng Size / Cylinders	MPG City / Hwy	Annual Fuel Cost	Notes
Impala FFV	A-4	3.9/6	17/27 13/20	\$1,906 Gas \$2,131 E85							
<b>CHRYSLER</b>							<b>TOYOTA</b>				
300 AWD	A-5	3.5/6	17/23	\$2,107			Avalon	A-S6	3.5/6	19/28	\$1,742
	A-5	5.7/8	16/23	\$2,227							
300/SRT-8	A-4	2.7/6	18/26	\$1,906							
	A-4	3.5/6	17/25	\$2,003							
	A-5	5.7/8	16/25	\$2,107							
<b>DODGE</b>											
Charger	A-4	2.7/6	18/26	\$1,906							
	A-4	3.5/6	17/25	\$2,003							
	A-5	3.5/6	17/25	\$2,003							
	A-5	5.7/8	16/25	\$2,107							
	A-5	6.1/8	13/19	\$2,911 P Tax							
Charger AWD	A-5	3.5/6	17/23	\$2,107							
	A-5	5.7/8	16/23	\$2,227							
<b>FORD</b>											
Crown Victoria FFV	A-4	4.6/8	16/24 12/17	\$2,107 Gas \$2,281 E85							
Taurus AWD	A-S6	3.5/6	17/25	\$2,003							
	A-6	3.5/6	17/25	\$2,003 T							
Taurus FWD	A-S6	3.5/6	18/27	\$1,906							
	A-6	3.5/6	18/28	\$1,822							
<b>HONDA</b>											
Accord	A-5	2.4/4	21/31	\$1,602							
	M-5	2.4/4	22/31	\$1,602							
	A-5	3.5/6	19/29	\$1,742							
<b>HYUNDAI</b>											
Azera	A-5	3.3/6	18/26	\$1,906							
	A-5	3.8/6	17/26	\$2,003							
Genesis	A-6	3.8/6	18/27	\$1,906							
	A-6	4.6/8	17/25	\$2,296 P							
► Sonata	A-5	2.4/4	22/32	\$1,602							
	M-5	2.4/4	21/32	\$1,602							
	A-5	3.3/6	19/29	\$1,822							
<b>INFINITI</b>											
M35	A-S7	3.5/6	17/25	\$2,296 P							
M35x	A-S5	3.5/6	16/22	\$2,427 P							
M45	A-S5	4.5/8	16/21	\$2,427 PR							
M45x	A-S5	4.5/8	14/20	\$2,728 PR Tax							
<b>LINCOLN</b>											
MKS AWD	A-6	3.5/6	17/25	\$2,003 T							
	A-6	3.5/6	16/23	\$2,107							
MKS FWD	A-6	3.5/6	17/24	\$2,107							
Town Car FFV	A-4	4.6/8	16/24 12/17	\$2,107 Gas \$2,281 E85							
<b>MASERATI</b>											
Quattroporte	A-6	4.2/8	11/17	\$3,117 PR Tax							
	A-6	4.7/8	11/18	\$3,117 PR Tax							
<b>MAYBACH</b>											
57	A-5	5.5/12	10/16	\$3,636 PR T Tax							
57S	A-5	6.0/12	10/16	\$3,636 PR T Tax							
<b>MERCEDES-BENZ</b>											
S400 Hybrid	A-7	3.5/6	19/26	\$2,078 HEV PR							
S550	A-7	5.5/8	15/23	\$2,427 PR							
S550 4matic	A-7	5.5/8	14/21	\$2,567 PR Tax							
S600	A-5	5.5/12	11/17	\$3,357 PR T Tax							
S63 AMG	A-7	6.3/8	11/18	\$3,117 PR Tax							
S65 AMG	A-5	6.0/12	11/17	\$3,357 PR T Tax							
<b>MERCURY</b>											
Grand Marquis FFV	A-4	4.6/8	16/24 12/17	\$2,107 Gas \$2,281 E85							
<b>ROLLS-ROYCE</b>											
Phantom EWB	A-S6	6.7/12	11/18	\$3,117 P Tax							







	Trans Type Speeds	Eng Size / Cylinders	MPG City / Hwy	Annual Fuel Cost	Notes		Trans Type Speeds	Eng Size / Cylinders	MPG City / Hwy	Annual Fuel Cost	Notes
► Grand Cherokee 2WD	M-5 2.0/4 AV 2.4/4 M-5 2.4/4 A-5 3.7/6 A-5 5.7/8 A-4 3.7/6 Patriot 2WD	23/29 21/25 23/28 16/21 14/20 16/22 AV 2.0/4 M-5 2.0/4 AV 2.4/4 M-5 2.4/4 A-4 3.8/6	\$1,602 \$1,742 \$1,602 \$2,227 \$2,503 \$2,227 \$1,602 \$1,602 \$1,742 \$1,602 \$1,742 \$1,602 \$2,355			A-5 3.2/6	18/24	\$2,003			
Wrangler 2WD						TOYOTA	4Runner 2WD FJ Cruiser 2WD Highlander 2WD RAV4 2WD Sequoia 2WD	A-S5 4.0/6 A-5 4.0/6 A-S6 2.7/4 A-4 2.5/4 A-5 3.5/6 A-S6 4.6/8 A-S6 5.7/8	17/23 17/22 20/27 18/24 19/27 14/19 14/19	\$2,107 \$2,107 \$1,822 \$2,003 \$1,822 \$2,503 \$2,671	
KIA	Borrego 2WD	A-5 3.8/6 A-6 4.6/8 Sportage 2WD	17/21 15/22 20/25 20/25 2.7/6	\$2,227 \$2,227 \$1,822 \$1,822 \$2,003		VOLKSWAGEN	Tiguan	A-S6 2.0/4 M-6 2.0/4	18/24 19/26	\$2,078 P T \$2,078 P T	
LEXUS	RX 350 2WD RX 450h	A-S6 3.5/6 AV-S6 3.5/6	18/25 32/28	\$2,078 PR \$1,454 HEV PR		VOLVO	XC 60 FWD XC 90 FWD	A-S6 3.2/6 A-S6 3.2/6	18/27 15/22	\$1,906 \$2,227	
LINCOLN	MKT FWD MKX FWD	A-S6 3.5/6 A-6 3.5/6	17/23 18/25	\$2,107 \$2,003		<b>SPORT UTILITY VEHICLES 4WD</b>					
MAZDA	Navigator 2WD FFV	A-6 5.4/8	14/20 9/13	\$2,503 Gas \$2,904 E85		ACURA	MDX 4WD RDX 4WD	A-S6 3.5/6 A-S5 2.3/4	16/21 17/22	\$2,427 P \$2,296 P T	
CX-7 2WD	A-S6 2.3/4 A-S5 2.5/4	18/25 20/28	\$2,078 P T \$1,742			AUDI	Q5 Q7	A-S6 3.2/6 A-S6 3.6/6 A-S6 4.2/8 A-S6 3.0/6	18/23 14/19 13/18 17/25	\$2,183 P \$2,728 P \$2,911 P \$2,100 D T	
CX-9 2WD	A-S6 3.7/6	16/22	\$2,227			BMW	ActiveHybrid X6 X3 xDrive30i X5 xDrive30i X5 xDrive35d X5 xDrive48i X5 xDriveM X6 xDrive35i X6 xDrive50i X6 xDriveM	A-S7 4.4/8 A-S6 3.0/6 M-6 3.0/6 A-S6 3.0/6 A-S6 4.8/8 A-S6 4.4/8 A-S6 3.0/6 A-S6 4.4/8 A-S6 4.4/8	17/19 17/24 17/24 15/21 14/19 12/17 15/21 13/18 12/17	\$2,427 HEV P T \$2,183 P \$2,296 P \$2,427 P \$2,728 P \$3,117 P T \$2,567 P T \$2,911 P T \$3,117 P T	
Tribute FWD	A-6 2.5/4 M-5 2.5/4	21/28 22/28	\$1,742 \$1,670			BUICK	Enclave AWD	A-6 3.6/6	16/22	\$2,227	
Tribute FWD FFV	A-6 3.0/6	19/25 14/19	\$1,906 Gas \$1,997 E85			CADILLAC	Escalade AWD FFV SRX AWD	A-6 6.2/8 A-S6 3.0/6	13/20 10/15 17/23	\$2,671 Gas \$2,661 E85 \$2,107	
► Tribute Hybrid 2WD	AV 2.5/4	34/31	\$1,254 HEV			CHEVROLET	Equinox AWD Tahoe 1500 4WD FFV Tahoe Hybrid 4WD Traverse AWD	A-6 2.4/4 A-6 3.0/6 A-6 5.3/8 AV 6.0/8 A-6 3.6/6	20/29 17/24 15/21 21/22 16/23	\$1,742 \$2,003 \$2,355 Gas \$2,457 E85 \$1,906 HEV \$2,107	
MERCEDES-BENZ	GLK350 ML350	A-7 3.5/6 A-7 3.5/6	16/22 16/21	\$2,427 PR \$2,427 PR		DODGE	Journey 4WD Nitro 4WD	A-6 3.5/6 A-4 3.7/6 A-5 4.0/6	15/23 15/21 16/20	\$2,227 \$2,355 \$2,355	
MERCURY	Mariner FWD	A-6 2.5/4	21/28	\$1,742		FORD	Edge AWD Escape 4WD Escape 4WD FFV Escape Hybrid 4WD Expedition 4WD FFV	A-6 3.5/6 A-6 2.5/4 A-6 3.0/6 AV 2.5/4 A-6 5.4/8	17/23 20/26 18/23 13/17 12/17	\$2,107 \$1,822 \$2,003 Gas \$2,281 E85 \$1,382 HEV	
Mariner FWD FFV	A-6 3.0/6	19/25 14/19	\$1,906 Gas \$1,997 E85			Explorer 4WD Flex AWD	A-5 4.0/6 A-6 4.6/8 A-S6 3.5/6 A-6 3.5/6	13/19 14/19 16/22 16/22	\$2,671 \$2,503 \$2,227 T \$2,227		
► Mariner Hybrid FWD	AV 2.5/4	34/31	\$1,254 HEV								
Mountaineer 2WD	A-5 4.0/6 A-6 4.6/8	14/20 15/21	\$2,503 \$2,355								
MITSUBISHI	Endeavor 2WD Outlander 2WD	A-S4 3.8/6 AV-S6 2.4/4 A-S6 3.0/6	15/21 21/27 19/25	\$2,427 P \$1,670 \$2,078 P							
NISSAN	Armada 2WD	A-5 5.6/8	12/18	\$2,860							
Armada 2WD FFV	A-5 5.6/8	12/18 9/13	\$2,671 Gas \$2,904 E85								
Murano FWD	AV 3.5/6	18/23	\$2,183 P								
Pathfinder 2WD	A-S5 4.0/6	15/22	\$2,567 P								
Pathfinder FE 2WD	A-5 4.0/6	15/22	\$2,427 P								
Rogue FWD	AV 2.5/4	22/27	\$1,670								
Xterra 2WD	A-5 4.0/6 M-6 4.0/6	15/21 16/20	\$2,355 \$2,227								
SATURN	Outlook FWD Vue FWD	A-6 3.6/6 A-4 2.4/4 A-S6 3.6/6 A-6 3.6/6	17/24 19/26 17/24 17/24	\$2,107 \$1,822 \$2,107 \$2,107							
Vue Hybrid	A-4 2.4/4	25/32	\$1,430 HEV								
SUZUKI	Grand Vitara	A-4 2.4/4 M-5 2.4/4	19/25 19/26	\$1,906 \$1,822							



	Trans Type/ Speeds	Eng Size / Cylinders	MPG City / Hwy	Annual Fuel Cost	Notes
RAV4 4WD	A-4	2.5/4	21/27	\$1,670	
	A-5	3.5/6	19/26	\$1,906	
Sequoia 4WD	A-S6	4.6/8	13/18	\$2,671 PT4WD	
	A-S6	5.7/8	13/18	\$2,671 PT4WD	
Sequoia 4WD FFV	A-S6	5.7/8	13/18 9/12	\$2,860 Gas \$3,195 E85	

**VOLKSWAGEN**

Tiguan 4motion	A-S6	2.0/4	18/24	\$2,183 P T
Touareg	A-S6	3.6/6	14/19	\$2,728 P

**VOLVO**

XC 60 AWD	A-S6	3.0/6	16/21	\$2,227 T
	A-S6	3.2/6	16/22	\$2,227
XC 70 AWD	A-S6	3.0/6	16/21	\$2,227 T
	A-S6	3.2/6	16/22	\$2,227
XC 90 AWD	A-S6	3.2/6	15/21	\$2,355
	A-S6	4.4/8	13/19	\$2,671







## **SPORT UTILITY VEHICLES 4WD**

<b>CADILLAC</b>						
Escalade AWD FFV	A-6	6.2/8	13/20	\$2,671	Gas	380
			10/15	\$2,661	E85	310
<b>CHEVROLET</b>						
Tahoe 1500 4WD FFV	A-6	5.3/8	15/21	\$2,355	Gas	430
			11/16	\$2,457	E85	330
<b>FORD</b>						
Escape 4WD FFV	A-6	3.0/6	18/23	\$2,003	Gas	350
			13/17	\$2,281	E85	250
Expedition 4WD FFV	A-6	5.4/8	12/17	\$2,860	Gas	390
			9/13	\$2,904	E85	310
<b>GMC</b>						
Yukon 1500 4WD FFV	A-6	5.3/8	15/21	\$2,355	Gas	430
			11/16	\$2,457	E85	330
Yukon Denali 1500 AWD FFV	A-6	6.2/8	13/20	\$2,671	Gas	380
			10/15	\$2,661	E85	310
<b>HUMMER</b>						
H3 4WD FFV	A-4	5.3/8	13/16	\$2,860	Gas	320
			9/12	\$3,195	E85	230
<b>MAZDA</b>						
Tribute 4WD FFV	A-6	3.0/6	18/23	\$2,003	Gas	350
			13/17	\$2,131	E85	250
<b>MERCURY</b>						
Mariner 4WD FFV	A-6	3.0/6	18/23	\$2,003	Gas	350

## DIESEL VEHICLES

Diesel-powered vehicles typically get 30-35% more miles per gallon than comparable vehicles by gasoline. Diesel engines are inherently more energy efficient, and diesel fuel contains 10% more energy per gallon than gasoline. In addition, new advances in diesel engine technology have improved performance, reduced engine noise and fuel odor, and decreased emissions of harmful air pollutants. Ultra-low sulfur diesel fuels also help reduce emissions from these vehicles.

The federal government is currently offering tax incentives for qualifying diesel vehicles. Additional information on these incentives and up-to-date information on qualifying vehicles can be found at [www.fueleconomy.gov](http://www.fueleconomy.gov).

Annual fuel costs below are estimated assuming 15,000 miles of travel each year (55% city and 45% highway) and a diesel fuel cost of \$2.80 per gallon.

Transmission Type/Speeds	Engine Size/Cylinders	MPG City/Hwy	Annual Fuel cost	Notes
<b>COMPACT CARS</b>				

<b>BMW</b>					
335d	A-S6	3.0/6	23/36	\$1,554	D T
<b>VOLKSWAGEN</b>					
Golf	A-S6	2.0/4	30/42	\$1,235	D T
	M-6	2.0/4	30/41	\$1,235	D T
Jetta	A-S6	2.0/4	30/42	\$1,235	D T
	M-6	2.0/4	30/41	\$1,235	D T

## SMALL STATION WAGONS

<b>AUDI</b>					
A3	A-S6	2.0/4	30/42	\$1,235	D T
<b>VOLKSWAGEN</b>					
Jetta SportWagen	A-S6	2.0/4	30/42	\$1,235	D T
	M-6	2.0/4	30/41	\$1,235	D T

## SPORT UTILITY VEHICLES 4WD

<b>AUDI</b>					
Q7	A-S6	3.0/6	17/25	\$2,100	D T
<b>BMW</b>					
X5 xDrive35d	A-S6	3.0/6	19/26	\$1,911	D T
<b>MERCEDES-BENZ</b>					
GL350 Bluetec	A-7	3.0/6	17/23	\$2,209	D T
ML350 Bluetec	A-7	3.0/6	18/25	\$1,999	D T
R350 Bluetec	A-7	3.0/6	18/24	\$2,100	D T
<b>VOLKSWAGEN</b>					
Touareg	A-S6	3.0/6	18/25	\$2,100	D T

## COMPRESSED NATURAL GAS VEHICLES

This section supplies the driving range and fuel economy values for vehicles that operate on compressed natural gas (CNG). CNG fuel is normally dispensed in "equivalent gallons", where one equivalent gallon is equal to 121.5 cubic feet of CNG. Therefore, the fuel economy values are shown in miles per gallon-equivalent. Annual fuel cost estimates are based on an average fuel price of \$1.73 per gasoline equivalent gallon of CNG. The driving range is shown in miles and represents the distance the vehicle can travel on a full tank (or tanks) of fuel during combined city and highway driving (55% city and 45% highway).

The federal government is currently offering tax incentives for some CNG vehicles. Some states also offer incentives. For more information, visit [www.fueleconomy.gov](http://www.fueleconomy.gov).

Transmission Type	Engine Size/ Cylinders	MPG City/Hwy	Annual Fuel cost	Fuel	Range (miles)	
<b>SUBCOMPACT CARS</b>						
<b>HONDA</b>						
Civic CNG	A-5	1.8/4	24/36	\$926	CNG	170

This section supplies the driving range and fuel economy values for vehicles that operate on compressed natural gas (CNG). CNG fuel is normally dispensed in "equivalent gallons", where one equivalent gallon is equal to 121.5 cubic feet of CNG. Therefore, the fuel economy values are shown in miles per gallon-equivalent. Annual fuel cost estimates are based on an average fuel price of \$1.73 per gasoline equivalent gallon of CNG. The driving range is shown in miles and represents the distance the vehicle can travel on a full tank (or tanks) of fuel during combined city and highway driving (55% city and 45% highway).

The federal government is currently offering tax incentives for some CNG vehicles. Some states also offer incentives. For more information, visit [www.fueleconomy.gov](http://www.fueleconomy.gov).

## FUEL CELL VEHICLES

Fuel cell vehicles (FCVs) may not reach the mass market for a decade or more, but a limited number will be available for sale or lease in 2008-09 to demonstration fleets in areas with a readily accessible hydrogen supply. FCVs are propelled by electric motors powered by fuel cells, which produce electricity from the chemical energy of hydrogen. Fuel cell technology is more efficient than internal combustion engines and environmentally cleaner—the only by-product of a hydrogen fuel cell is water. However, many challenges must be overcome before FCVs are mass-marketed and sold at local dealerships. For more information about FCVs, visit [www.fueleconomy.gov](http://www.fueleconomy.gov) and the Hydrogen, Fuel Cells and Infrastructure Technologies Program Web site at [www.eere.energy.gov/hydrogenandfuelcells/](http://www.eere.energy.gov/hydrogenandfuelcells/).

FuelCell Type	Motor Type & Power	Energy Storage Device & Rating	Fuel Type	Miles Per Kilogram City/Hwy	Driving Range (miles)	
<b>MIDSIZE CARS</b>						
<b>HONDA</b>						
FCX Clarity	PEM	DC Brushless 100 kW	288V Li-Ion	Hydrogen	60/60	240
<b>SPORT UTILITY VEHICLES 2WD</b>						
<b>TOYOTA</b>						
FCHV-adv	PEM	Permanent Magnet DC Motor 90 kW-260Nm	288V Ni-MH	Hydrogen	NA	NA

The Honda FCX Clarity will be leased to private individuals in the Southern California area only.

The Toyota FCHV-adv availability was unknown at publication time, see [www.fueleconomy.gov](http://www.fueleconomy.gov) for up-to-date information.

PEM = Proton Exchange Membrane or Polymer Electrolyte Membrane.

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Interior Volume (cu.ft.)				Interior Volume (cu.ft.)				Interior Volume (cu.ft.)				
Passenger / Cargo				Passenger / Cargo				Passenger / Cargo				
	2dr	4dr	Hatch		2dr	4dr	Hatch		2dr	4dr	Hatch	Pg
<b>ACURA</b>				328ci Convertible	84/9			6	Lacrosse/Allure AWD	100/16		8
MDX 4WD				328ci xDrive	89/11			6	Lucerne	108/17		9
RDX 2WD				328i	93/12			7	Lucerne FFV	108/17		9,18
RDX 4WD				328i Sport Wagon	93/25			10	<b>CADILLAC</b>			
RL	99/13	8		328i Sport Wagon xDrive	93/25			10	CTS	100/16		8
TL 2WD	98/13	8		328i xDrive	93/12			7	CTS AWD	100/16		8
TL 4WD	98/13	8		335ci	89/11			6	CTS Wagon	97/29		10
TSX	95/13	7		335ci Convertible	84/9			6	CTS Wagon AWD	97/29		10
<b>ASTON MARTIN</b>				335ci xDrive	89/11			6	DTS	113/19		9
DB9	78/5			335d	93/12			7,21	Escalade 2WD FFV			13,19
DBS	78/5			335i	93/12			7	Escalade AWD FFV			14,20
V8 Vantage				335i xDrive	93/12			7	Escalade ESV 2WD FFV			13,19
<b>AUDI</b>				528i	99/14			8	Escalade Hybrid 2WD			13,17
A3		89/20	4,10,21	528i xDrive	99/14			8	Funeral Coach / Hearse	113/19		9
A3		89/20	4,10,21	535i	99/14			8	Limousine	113/19		9
A3 Quattro				535i Sport Wagon xDrive	100/34			11	SRX 2WD			13
A4		91/12	7	535i xDrive	99/14			8	SRX AWD			14
A4 Avant Quattro		90/28	10	550 GT	112/10			9	STS	102/14		8
A4 Quattro		91/12	7	550i	99/14			8	STS AWD	102/14		8
A5 Cabriolet	81/10			650ci	82/13			6	<b>CHEVROLET</b>			
A5 Cabriolet Quattro	81/10			650ci Convertible	82/11			6	Avalanche 1500 2WD FFV			13,19
A5 Quattro	84/12			750i	106/14			9	Aveo	91/12		7
A6	98/16			750i xDrive	106/14			9	Aveo 5	91/7		6
A6 Avant Quattro	99/34		11	750Li	115/14			9	Camaro	93/11		7
A6 Quattro	98/16		8	750Li xDrive	115/14			9	Cobalt Coupe	83/14		6
A8	100/15		8	760Li	115/14			9	Cobalt Sedan	86/14		7
A8 L	107/15		9	ActiveHybrid X6				14,17	Cobalt SS Coupe	83/14		6
Q5			14	M3	93/12			7	Cobalt XFE Coupe	83/14		6
Q7			14,21	M3 Convertible	84/9			6	Cobalt XFE Sedan	86/14		7
R8			5	M3 Coupe	89/11			6	Colorado 2WD			11
S4		90/13	7	M5	99/14			8	Colorado 4WD			11
S5	84/12		6	M6	82/13			6	Colorado Cab Chassis inc 2WD			11
S5 Cabriolet	81/10		6	M6 Convertible	82/11			6	Colorado Cab Chassis inc 4WD			11
S6	98/16		8	X3 xDrive30i				14	Colorado Crew Cab 2WD			11
TT Coupe Quattro		74/13	6	X5 xDrive30i				14	Colorado Crew Cab 4WD			11
TT Roadster Quattro			5	X5 xDrive35d				14,21	Corvette			5
<b>BENTLEY</b>				X5 xDrive48i				14	Equinox AWD			14
Azure	93/8		7	X5 xDriveM				14	Equinox FWD			13
Brooklands	97/11		7	X6 xDrive35i				14	Express 1500 2WD Cargo			4,12,19
Continental Flying Spur	102/1 3		8	X6 xDrive50i				14	Express 1500 2WD Cargo FFV			12
Continental GT	89/11		7	X6 xDriveM				14	Express 1500 AWD Cargo FFV			12
Continental GTC	86/7		6	Z4 sDrive30i				5				
Continental Supersports			5	Z4 sDrive35i				5				
<b>BMW</b>				<b>BUGATTI</b>								
128ci Convertible	78/8		6	Veyron				5				
128i	86/10		6	<b>BUICK</b>								
135i	86/10		6	Enclave AWD				14				
135i Convertible	78/8		6	Enclave FWD				13				
328ci	89/11		6	Lacrosse/Allure	100/16			8				

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Interior Volume (cu.ft.)				Interior Volume (cu.ft.)				Interior Volume (cu.ft.)			
Passenger / Cargo				Passenger / Cargo				Passenger / Cargo			
2dr	4dr	Hatch	Pg	2dr	4dr	Hatch	Pg	2dr	4dr	Hatch	Pg
HHR FWD			13	Dakota Pickup 2WD FFV			11,18	Focus FWD	93/14	93/14	7
HHR FWD FFV			13,19	Dakota Pickup 4WD			12	Fusion AWD	101/16		9
HHR Panel FWD FFV			13,19	Dakota Pickup 4WD FFV			12,19	Fusion AWD FFV	101/16		9,18
Impala	105/19		9	Grand Caravan			13	Fusion FWD	101/16		9
Impala FFV	105/19		9,18	Grand Caravan FFV			13,19	Fusion FWD FFV	101/16		9,18
Malibu	95/16		8	Journey 2WD			13	Fusion Hybrid FWD	101/16		9,17
Malibu FFV	95/16		8,18	Journey 4WD			14	Fusion S FWD	100/16		9
Malibu Hybrid	95/16		8,17	Nitro 2WD			13	Mustang	85/13		6
Silverado 15 Hybrid 2WD			4,11	Nitro 4WD			14	Ranger 2WD			4,11
Silverado 15 Hybrid 4WD			12	Ram 1500 Pickup 2WD			11	Ranger 4WD			11
Silverado C15 2WD			11	Ram 1500 Pickup 2WD FFV			11,18	Taurus AWD	108/21		10
Silverado C15 2WD FFV			11,18	Ram 1500 Pickup 4WD			12	Taurus FWD	108/21		10
Silverado C15 XFE 2WD FFV			11	Ram 1500 Pickup 4WD FFV			12,19	Transit Connect			12
Silverado K15 4WD			12	<b>FERRARI</b>				<b>GMC</b>			
Silverado K15 4WD FFV			12,19	599 GTB Fiorano			5	Acadia AWD			15
Suburban 1500 2WD FFV			13,19	612 Scaglietti	105/6		9	Acadia FWD			13
Tahoe 1500 2WD FFV			13,20	California	75/7		5	Canyon 2WD			11
Tahoe 1500 4WD FFV			14,20	<b>FORD</b>				Canyon 4WD			11
Tahoe Hybrid 2WD			13,17	Crown Victoria FFV		107/21	10,18	Canyon Cab Chassis Inc 2WD			11
Tahoe Hybrid 4WD			14,17	Edge AWD			14	Canyon Cab Chassis Inc 4WD			11
Traverse AWD			14	Edge FWD			13	Canyon Crew Cab 2WD			11
Traverse FWD			13	Escape 4WD			14	Canyon Crew Cab 4WD			11
<b>CHRYSLER</b>				Escape 4WD FFV			14,20	Sierra 15 Hybrid 2WD			4,12,17
300 AWD	107/17		10	Escape FWD			13	Sierra 15 Hybrid 4WD			12,17
300/SRT-8	107/17		10	Escape FWD FFV			13,20	Sierra C15 2WD			12
PT Cruiser			13	Escape Hybrid 4WD			14,17	Sierra C15 2WD FFV			12,18
Sebring	101/14		8	Escape Hybrid FWD			4,13,17	Sierra C15 XFE 2WD FFV			12,19
Sebring Convertible	88/13		7	Expedition 2WD FFV			13,20	Sierra K15 4WD			12
Sebring Convertible FFV	88/13		7,18	Expedition 4WD FFV			14,20	Sierra K15 4WD FFV			12,19
Sebring FFV	101/14		8,18	Explorer 2WD			13	Sierra K15 AWD FFV			12,19
Town and Country			13	Explorer 4WD			14	Terrain AWD			15
Town and Country FFV			13,19	Explorer Sport Trac 2WD			12	Terrain FWD			13
<b>DODGE</b>				Explorer Sport Trac 4WD			12	Yukon 1500 2WD FFV			13,20
Avenger	101/13		8	F150 Pickup 2WD			12	Yukon 1500 4WD FFV			15,20
Avenger FFV	101/13		18	F150 Pickup 4WD			12	Yukon 1500 Hybrid 2WD			13
Caliber		95/19	10	F150 Pickup FFV 2WD FFV			12,18	Yukon 1500 Hybrid 4WD			15
Challenger	91/16		7	F150 Pickup FFV 4WD FFV			12,19	Yukon Denali 1500 AWD FFV			15
Charger	104/16		10	Flex AWD			14	Yukon XL 1500 2WD FFV			13,20
Charger AWD	104/16		10	Flex FWD			13	<b>HONDA</b>			
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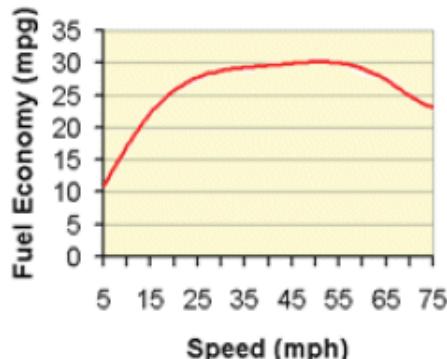
Interior Volume (cu.ft.)				Interior Volume (cu.ft.)			
Passenger / Cargo				Passenger / Cargo			
	2dr	4dr	Hatch		2dr	4dr	Hatch
	Pg			Pg			
9-3X SportCombi AWD	96/30		10	Prius		94/22	4,9,17
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Outlook AWD			15	Sienna 2WD			13
Outlook FWD			14	Sienna 4WD			13
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Vue AWD			15	Tacoma 4WD			11
Vue FWD			14	Tundra 2WD			12
Vue Hybrid			14,17	Tundra 4WD			12
<b>SCION</b>				Tundra 4WD FFV			12,19
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xB	101/22		10	<b>VOLKSWAGEN</b>			
xD		84/11	7	CC	94/13		8
<b>SMART</b>				CC 4Motion	94/13		8
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fortwo coupe			4,5	Golf		94/15	4,8,21
<b>SUBARU</b>				GTI		94/15	8
Forester AWD			15	Jetta	91/16		4,8,21
Impreza AWD	94/11		8	Jetta	92/33		4,11,21
Impreza Wagon/Outback Sport	94/19		10	New Beetle		85/12	7
Legacy AWD	103/15		9	New Beetle Convertible	78/5		6
Outback Wagon AWD	105/34		15	Passat	96/14		4,9
Tribeca AWD			15	Passat Wagon	97/36		4,11
<b>SUZUKI</b>				Routan			13
Equator 2WD			11	Tiguan			14
Equator 4WD			11	Tiguan 4motion			16
Grand Vitara			14	Touareg			16,21
Grand Vitara 4WD			15	<b>VOLVO</b>			
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SX4	89/9		11	C70 FWD	84/13		7
SX4 AWD	89/9		11	S40 AWD	92/13		8
SX4 Sedan	88/14		8	S40 FWD	92/13		8
SX4 Sport	88/14		8	S80 AWD	98/15		9
<b>TOYOTA</b>				S80 FWD	98/15		9
4Runner 2WD			14	V50 AWD	93/32		11
4Runner 4WD			15	V50 FWD	93/32		11
Avalon	107/14		10	V70 FWD	98/37		11
Camry	101/15		9	XC 60 AWD			16
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Corolla	92/12		8	XC 70 AWD	98/37		16
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## IMPROVE YOUR FUEL ECONOMY

### Drive More Efficiently

- Aggressive driving (speeding and rapid acceleration and braking) can lower your gas mileage by as much as 33% at highway speeds and 5% around town.
- Observe the speed limit—each 5 MPH you drive over 60 MPH can reduce your fuel economy by 7-8%.



- Avoid idling—idling gets 0 miles per gallon!
- Using cruise control on the highway helps

you maintain a constant speed and, in most cases, will save gas.

### Keep Your Car in Shape

- Fixing a car that is noticeably out of tune can improve gas mileage by about 4%.
- Keeping tires inflated to the recommended pressure and using the recommended grade of motor oil can improve fuel economy by up to 5%.

The manufacturer's recommended tire pressure can be found on the tire information placard and/or vehicle certification label located on the vehicle door edge, doorpost, glove-box door, or inside the trunk lid.

- Keep your tires aligned and balanced.
- Replacing a clogged air filter can improve gas mileage.

### Plan and Combine Trips

- A warmed-up engine is more fuel-efficient than a cold one. Many short trips taken from a cold start can use twice as much

fuel as one multipurpose trip covering the same distance.

**Note:** Letting your car idle to warm-up doesn't help your fuel economy, it actually uses more fuel and creates more pollution.

### Other Solutions

- Avoid carrying unneeded items. An extra 100 lbs. can decrease fuel economy by 1-2%.
- A roof rack or carrier provides additional cargo space and may allow you to meet your needs with a smaller car. However, a loaded roof rack can decrease your fuel economy by 5%.

Reduce aerodynamic drag and improve your fuel economy by placing items inside the trunk whenever possible.

For more tips and more information about gasoline pricing, visit [www.fueleconomy.gov](http://www.fueleconomy.gov).